

What is claimed is:

1. A radio access network system comprising:
a control server configured to manage a configuration of
a radio access network including a base station, and to set a
5 transfer path for a packet in accordance with the configuration;
and
a data server configured to manage a resource of a base
station located in the transfer path set by the control server.
- 10 2. A radio communication method in a radio access network
including a base station, a control server and a data server,
the method comprising the steps of:
managing a configuration of the radio access network in
the control server;
15 setting a transfer path for a packet in accordance with
the configuration, in the control server; and
managing a resource of a base station located in the
transfer path set by the control server, in the data server.
- 20 3. A control server comprising:
a manager configured to manage a configuration of a radio
access network including a data server connected to the control
server and a base station managed by the data server;
a transfer path setter configured to set a transfer path
25 for a packet in accordance with the configuration;
a network configuration notifier configured to notify an
instruction to reserve a resource of a base station in
accordance with the configuration, when the transfer path is
set.

4. The control server according to claim 3, wherein the control server is connected to a plurality of data servers.

5 5. A data server comprising:

a manager configured to manage a resource of a base station located in a radio access network;

a resource assigner configured to assign the resource to a transfer path for a packet in accordance with a resource reservation instruction notified by a control server; and
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a resource notifier configured to notify the assigned resource to the control server.

6. The data server according to 5, wherein the data server
15 transmits and receives the packet via the transfer path set by the control server.